

## CLAIMS

*Sub B*

1. An appliance for mechanical sealing of hollow  
5 hoses (2) of elastic material with a sealing means (3)  
which is made of plastically deformable material and  
which is applied to the hose, said appliance (1) having  
two jaws (8, 9), which are movable towards and away from  
each other and which, when moving towards each other,  
crimp the sealing means (3) against the hose (2) to seal  
the same, characterised in that the sealing  
means (3) has the form of a sleeve (4) which is slipped  
on to the hose (2), that at least one of the jaws (8 or  
9) has at least one bar (11) which projects towards the  
15 other jaw (9 or 8) and which, when the jaws (8, 9) are  
moving towards each other, makes an indentation (12) in  
the sleeve (4) and the hose (2) to reinforce the sealing  
thereof as well as the fixing of the sleeve on the hose,  
and that at least one of the jaws (8 or 9) has a cutting  
20 means (13), which projects towards the other jaw (9 or 8)  
and which, when the jaws (8, 9) are moving towards each  
other, makes a cutting indication (14) in the sleeve (4)  
and the hose (2) to allow a sealing cutting of the hose  
(2).

25 2. An appliance according to claim 1, characterised in that there are at least two straight  
bars (11) which are arranged substantially in parallel  
at a distance from each other and extend substantially  
transversely of the longitudinal direction of the sleeve  
30 (4) to make a corresponding number of substantially  
transverse indentations (12) in the sleeve (4) and the  
hose (2), and that the cutting means (13) extends sub-  
stantially transversely of the longitudinal direction of  
the sleeve (4) and makes a substantially transverse cut-  
35 ting indication (14) in the sleeve (4) and the hose (2).

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3. An appliance according to claim 1 or 2, characterised in that the cutting means (13) has the

form of a substantially straight cutting edge (15), which projects to a greater extent than the bar/bars (11).

4. An appliance according to claim 3, characterised in that the cutting edge (15) co-operates with an opposite recess (16) in the other jaw (9 or 8).

5. An appliance according to claim 3 ~~or 4~~, characterised in that the cutting edge (15) is situated substantially half-way between two adjacent bars (11).

6. An appliance according to claim 3 ~~or 4~~, characterised in that the cutting edge (15) is situated on one side of the bar/bars (11).

7. An appliance according to any one of the preceding claims, characterised in that at least one of the jaws (8 or 9) has a fixture (17) to position 15 the sleeve (4) and the hose (2) between the jaws (8, 9).

8. An appliance according to any one of the preceding claims, characterised in that the bar/bars (11) and the cutting edge (15) are situated on one jaw (8), and that the fixture (17) is situated on the 20 other jaw (9), the bar/bars, the cutting edge and the fixture being mounted on or being made in one piece with the associated jaw.

9. An appliance according to claim 8, characterised in that the jaw (8) provided with the 25 bar/bars (11) and the cutting edge (15) has the form of a die, which is fixedly mounted in the appliance (1), and that the jaw (9) provided with the fixture (17) has the form of a punch, which is movably arranged in the appliance (1) and actuatable by a driving means (10).

30 10. An appliance according to claim 9, characterised in that it has the form of a pair of tongs (5) which is hand-operated and has one fixed and one movable leg (6, 7), the movable leg (7) actuating the jaw (9) forming the punch by means of a gear device, 35 preferably an eccentric mechanism or the like, forming the driving means (10).

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